

Contents at a Glance

<i>Introduction</i>	1
<i>Book I: Introducing Elements</i>	7
Chapter 1: Examining the Elements Environment	9
Chapter 2: Getting to Know the Tools	37
Chapter 3: Viewing and Navigating Images	53
Chapter 4: Setting Your Preferences	67
<i>Book II: Elements Fundamentals</i>	85
Chapter 1: Acquiring, Saving, and Exporting Images	87
Chapter 2: Working in the Organizer	111
Chapter 3: Working in Adobe Bridge	151
<i>Book III: Image Essentials</i>	171
Chapter 1: Specifying Resolution and Changing Image Sizing	173
Chapter 2: Choosing Color Modes and File Formats	185
Chapter 3: Working with Camera Raw	207
Chapter 4: Using and Managing Color	219
Chapter 5: Time Travel — Undoing in Elements	233
<i>Book IV: Selections</i>	239
Chapter 1: Making Selections	241
Chapter 2: Modifying and Transforming Selections	263
<i>Book V: Painting, Drawing, and Typing</i>	281
Chapter 1: Painting and Drawing with Elements	283
Chapter 2: Filling and Stroking	303
Chapter 3: Working with Type	321
<i>Book VI: Working with Layers and Masks</i>	341
Chapter 1: Creating Layers	343
Chapter 2: Managing Layers	369
Chapter 3: Playing with Opacity and Blend Modes	385
Chapter 4: Cutting, Extracting, and Masking	397

<i>Book VII: Filters, Effects, Styles, and Distortions.....</i>	<i>411</i>
Chapter 1: Making Corrections and Having Fun with Filters	413
Chapter 2: Distorting with the Liquify Command.....	433
Chapter 3: Adding Pizzazz with Styles and Effects.....	441
<i>Book VIII: Retouching and Enhancing</i>	<i>451</i>
Chapter 1: Quick Image Makeovers	453
Chapter 2: Correcting Lighting, Color, and Clarity.....	491
Chapter 3: Compositing with Photomerge	523
Chapter 4: Getting Help in Guided Mode	537
<i>Book IX: Creating and Sharing with Elements</i>	<i>551</i>
Chapter 1: Creating Elements Projects	553
Chapter 2: Getting It Printed	569
Chapter 3: Getting It on the Web	591
Chapter 4: Sharing Projects with Others	603
<i>Index</i>	<i>611</i>

Table of Contents

Introduction 1

About This Book	2
Book I: Introducing Elements	2
Book II: Elements Fundamentals	3
Book III: Image Essentials	3
Book IV: Selections	3
Book V: Painting, Drawing, and Typing	3
Book VI: Working with Layers and Masks	3
Book VII: Filters, Effects, Styles, and Distortions	4
Book VIII: Retouching and Enhancing	4
Book IX: Creating and Sharing with Elements	4
About the eCheat Sheet	4
Conventions Used in This Book	5
Icons Used in This Book	5
Where to Go from Here	6

Book 1: Introducing Elements 7

Chapter 1: Examining the Elements Environment. 9

Launching Elements	9
Opening the Organizer (Windows)	12
Opening Adobe Bridge (Mac)	14
Changing Workspaces	15
Visiting the Organizer (Windows)	15
Visiting Adobe Bridge (Mac)	18
Visiting Edit Full mode	18
Visiting Edit Quick mode	19
Comparing the modes	20
Getting help with Guided mode	21
Moving through the Menu Bar	22
Using Context Menus	25
Selecting Settings in the Options Bar	26
Playing with Panels	27
Getting choosy in the Favorites panel	28
Using panel buttons	29
Resetting panels	30
Using the Project Bin	30
Getting Productive with Shortcuts	32
Finding Help When You Need It	34
Using Help	34
Reading PDFs from the Installer DVD-ROM	34

Using tooltips	34
Dialog boxes	35
Chapter 2: Getting to Know the Tools	37
Examining the Tools Panel	37
Getting to Know the Tools.....	40
Using selection tools	40
Using drawing and painting tools	44
Using tools for cloning and healing	46
Creating text with typographical tools	47
Using focus and toning tools	47
Creating shapes.....	48
Viewing, navigating, and sampling tools.....	49
Other editing tools.....	50
Introducing the Automation Tools	50
Chapter 3: Viewing and Navigating Images	53
Looking at the Image Window.....	53
Zooming In and Out of Image Windows.....	57
Zooming with keyboard shortcuts	58
Using the Zoom tool	58
Moving the Hand tool.....	59
Cruising with the Navigator Panel.....	60
Using the Grids and Guides.....	61
Using the Info Panel.....	62
Working with Your Content	63
Chapter 4: Setting Your Preferences	67
Understanding Preferences.....	67
Setting Edit Full Mode Preferences	68
Setting General preferences	69
Setting Saving Files preferences	70
Setting Performance preferences	71
Setting Display & Cursors preferences	72
Setting Transparency preferences	73
Units & Rulers preferences.....	74
Setting Guides & Grid preferences	74
Setting Plug-ins preferences	75
Setting Type preferences	75
Setting Up the Organizing Environment (Windows).....	76
Setting General preferences	76
Setting Files preferences.....	77
Setting Folder Location View preferences.....	78
Setting Editing preferences.....	79
Setting Camera or Card Reader preferences.....	79
Setting Scanner preferences.....	80
Setting Date View preferences	81
Setting Keyword Tags and Albums preferences	81

Setting Sharing preferences.....	82
Setting Adobe Partner Services preferences.....	82
Setting Auto Analyzer Options preferences	83
Setting Adobe Bridge Preferences.....	83

Book 11: Elements Fundamentals..... 85

Chapter 1: Acquiring, Saving, and Exporting Images 87

Getting Images from Your Camera	88
Getting Images from Your Card Reader.....	88
Using the Photoshop Elements Downloader	91
Using the AutoPlay Wizard (Windows)	93
Scanning Images	94
Preparing before you scan.....	94
Understanding image requirements.....	95
Using scanner plug-ins	96
Scanning many photos at a time.....	97
Phoning In Your Images.....	98
Getting Files from Folders	99
Opening an Image in Edit Full Mode.....	100
Using Open As (Windows).....	100
Opening recently edited files	101
Placing files	101
Creating a New Image.....	102
Converting Clipboard Data to Images.....	103
Saving Files	103
Using the Save/Save As dialog box.....	103
Saving files for the Web.....	105
Batch Processing Files	105
Exporting files.....	105
Processing multiple files	107
Adding Pages.....	107
Closing and Quitting.....	109

Chapter 2: Working in the Organizer 111

Cataloging Files	112
Adding files to the default Organizer view	112
Adding additional photos to a catalog.....	113
Importing images to a new catalog.....	114
Importing legacy catalogs.....	115
Switching catalogs	116
Viewing images in the Organizer	116
Viewing images in a slide show.....	121
Sorting Images.....	125
Using sort commands.....	126
Sorting media types.....	126

Using Search Options.....	126
Searching by date	127
Searching for untagged items.....	127
Searching albums.....	128
Searching captions and notes	128
Searching by history.....	129
Searching metadata	130
Finding people.....	131
Organizing and Managing in the Organizer	132
Creating a new keyword tag	133
Working with keyword tags.....	134
Getting your head in the clouds.....	136
Using the Timeline	137
Using the Properties panel	138
Creating Albums	138
Rating images	139
Adding rated files to an album	139
Hiding Files That Get in the Way	143
Stacking 'em up	144
Creating versions	145
Protecting Your Assets	147
Backing up your catalog.....	147
Backing up photos and files	149

Chapter 3: Working in Adobe Bridge 151

Looking at the Adobe Bridge Workspace	151
Adding photos to the Bridge window	155
Setting Bridge preferences	156
Sorting Your Photos	157
Organizing Your Pictures	159
Labeling photos.....	159
Rating photos	160
Creating collections.....	161
Stack 'Em Up.....	164
Creating Slide Shows	164
Outputting Files	165
Outputting slide shows	166
Outputting to a Web Gallery.....	168

Book III: Image Essentials..... 171

Chapter 1: Specifying Resolution and Changing Image Sizing 173

Examining Images Closely	173
Understanding resolution	174
Understanding image dimensions	175
Understanding camera megapixels	176
Looking at raster versus vector images.....	176

Using the Image Size Command.....	176
Downsampling images.....	177
Upsampling images.....	179
Using the Scale Command.....	180
Choosing a Resolution for Print or Screen.....	182
Changing the Canvas Size.....	182
Chapter 2: Choosing Color Modes and File Formats	185
Selecting a Color Mode.....	185
Converting Color Modes and Profiles.....	186
Converting to Bitmap mode.....	186
Converting to Grayscale mode.....	189
Converting to Indexed Color mode.....	191
Converting color profiles.....	192
Using the Proper File Format.....	193
Using the Save/Save As dialog box.....	193
Understanding file formats.....	195
File formats at a glance.....	201
Saving files for the Web.....	203
Chapter 3: Working with Camera Raw.....	207
Understanding Camera Raw.....	207
Processing Camera Raw files.....	208
Acquiring Camera Raw images.....	209
Opening Camera Raw Files.....	215
Opening any photo in Camera Raw.....	218
Opening photos in Camera Raw from Adobe Bridge.....	218
Saving Your Edits.....	218
Chapter 4: Using and Managing Color	219
Dealing with Foreground and Background Colors.....	219
Defining Color.....	220
Poking around the Color Picker.....	220
Grabbing color from the Swatches panel.....	223
Lifting and sampling color.....	226
Understanding Color Management Essentials.....	227
Introducing color channels.....	227
Understanding bit depth.....	228
Calibrating your monitor.....	229
Establishing Your Color Settings.....	231
Understanding How Profiles Work.....	232
Chapter 5: Time Travel — Undoing in Elements.....	233
Undoing What's Done with the Undo Command.....	233
Adjusting the number of available undos.....	234
Redoing edits.....	235
Reverting to What's Saved.....	235

Working with the Almighty Undo History Panel.....	236
Viewing an image's various states.....	236
Navigating through the history states	237
Deleting and clearing states	237

Book IV: Selections..... 239

Chapter 1: Making Selections241

Defining Selections	241
Selecting a Rectangular or Elliptical Area	242
Fine-tuning squares and circles	244
Using the Marquee options	245
Freeform Selecting with the Lasso Tools	247
Using the Lasso tool	248
Selecting straight sides with the Polygonal Lasso tool.....	250
Hugging edges with the Magnetic Lasso tool.....	250
Performing Wand Wizardry.....	253
Talking about Tolerance.....	254
Selecting with the Magic Wand tool.....	254
Painting with the Selection Brush	256
Saving Time with the Quick Selection Tool.....	258
Resizing Smartly with the Recompose Tool.....	260

Chapter 2: Modifying and Transforming Selections263

Modifying Selections	263
Adding to a selection.....	264
Subtracting from a selection	265
Intersecting two selections.....	266
Avoiding Keyboard Collisions.....	266
Adding a perfectly square or circular selection	266
Deleting from an existing selection while drawing from the center out	267
Using the Select Menu.....	267
Selecting all or nothing	268
Reselecting a selection.....	268
Inversing a selection.....	268
Feathering a selection	269
Using the Modify commands.....	269
Applying the Grow and Similar commands	271
Saving and loading selections	272
Moving and Cloning Selections	273
Cloning	273
Moving the selection outline, but not the pixels	273
Transforming Pixels	274

Book V: Painting, Drawing, and Typing..... 281**Chapter 1: Painting and Drawing with Elements283**

Introducing the Pencil and Brush Tools.....	283
Drawing with the Pencil tool	284
Painting with the Brush tool.....	285
Getting artsy with the Impressionist Brush	288
Creating a custom brush.....	289
Creating Shapes	295
Drawing a shape.....	296
Drawing multiple shapes in a shape layer.....	299
Specifying Geometry options	299
Editing shapes	301

Chapter 2: Filling and Stroking303

Filling a Selection with a Solid Color.....	303
Filling Options and Tips.....	305
Pouring with the Paint Bucket Tool	305
Stroking a Selection.....	307
Working with Multicolored Gradients	309
Applying a preset gradient to a selection.....	310
Customizing and editing gradients.....	312
Adding transparency to a gradient.....	316
Managing and Saving Gradients.....	317
Working with Patterns	317
Applying a preset pattern.....	318
Creating a new pattern.....	319

Chapter 3: Working with Type321

Understanding Type Modes	321
Understanding Different Kinds of Type.....	322
Exploring the Type Tools	322
Entering Point Type.....	323
Entering Paragraph Type.....	324
Using the Options Bar	325
Editing Text	328
Rasterizing the Type Layer	328
Masking with Type	329
Stylizing and Warping Type	333
Playing with type opacity	334
Applying filters to type.....	337
Painting over type with color.....	337
Warping your type.....	338

Book VI: Working with Layers and Masks..... 341

Chapter 1: Creating Layers343

Getting Familiar with Layers	343
Introducing Different Types of Layers	345
Working with image layers	346
Using adjustment layers.....	346
Taking advantage of fill layers.....	349
Making use of shape layers.....	352
Using type layers.....	352
Getting to Know the Layers Panel	354
Using the Layer and Select Menus	356
The Layer menu	356
The Select menu.....	357
Making Layers	358
Creating a new layer	358
Using Layer via Copy and Layer via Cut	359
Duplicating layers	359
Compositing with Multiple Images	360
Copying and pasting images	360
Dragging and dropping layers	360
Using the Paste into Selection command	361

Chapter 2: Managing Layers.369

Viewing Layers	369
Rearranging Layers	370
Moving Layer Elements.....	371
Transforming Layers	372
Simplifying Layers	373
Aligning and Distributing Layers	377
Linking Layers	379
Locking Layers	379
Flattening and Merging Layers.....	380
Merging layers	380
Flattening layers.....	381

Chapter 3: Playing with Opacity and Blend Modes385

Adjusting Layer Opacity	385
Creatively Mixing with Blend Modes	386
General Blend modes	387
Blend modes that darken.....	387
Blend modes that lighten.....	389
Lighting blend modes.....	390
Blend modes that invert	392
HSL color model Blend modes	393

Chapter 4: Cutting, Extracting, and Masking	397
Working with the Cookie Cutter Tool	398
Using the Magic Extractor	399
Selective Erasing with the Eraser Tools	402
Using the Eraser tool	402
Selecting and erasing by color	403
Removing the background from an image.....	404
Working with Layer Masks	406
Creating Clipping Masks	408

Book VII: Filters, Effects, Styles, and Distortions 411

Chapter 1: Making Corrections and Having Fun with Filters	413
Understanding Filter Basics	413
Applying filters	414
Corrective and destructive filters.....	414
Single and multistep filters	415
Reapplying a filter	416
Fading a filter.....	416
Selectively applying a filter.....	417
Working in the Filter Gallery	417
Having Fun with Filters	420
Correcting camera distortion.....	420
The Facet filter	421
Getting artsy	422
Stroking your image.....	424
Distorting for fun.....	425
Getting noisy.....	425
Breaking your image into pieces.....	427
Rendering.....	427
Getting organic with the Sketch filters.....	429
Adding texture.....	430
Chapter 2: Distorting with the Liquify Command	433
Exploring the Liquify Window.....	433
The distortion painting tools	434
The other tools.....	436
The Options Area.....	437
Distorting an Image with Liquify.....	437
Chapter 3: Adding Pizzazz with Styles and Effects	441
Seeing What the Effects Panel Can Do	441
Enhancing with Photo Effects	442
Working with layer styles	443
Editing layer styles	446

Book VIII: Retouching and Enhancing 451

Chapter 1: Quick Image Makeovers453

Cropping an Image.....	453
Cutting away with the Crop tool	454
Cropping with a selection border.....	456
Straightening Images	458
Using the Straighten tool	458
Using the Straighten menu commands	458
Using the Divide Scanned Photos Command.....	459
Applying One-Step Auto Fixes.....	460
Auto Smart Fix.....	461
Auto Levels	461
Auto Contrast	462
Auto Color Correction.....	463
Auto Sharpen.....	463
Auto Red Eye Fix	464
Using the Red Eye Removal tool	464
Editing with Edit Quick Mode	465
Cloning with the Clone Stamp Tool.....	469
Cosmetic Surgery with the Healing Brush Tool.....	472
Zeroing In with the Spot Healing Brush.....	474
Colorizing with the Color Replacement Tool.....	475
Lightening and Darkening with Dodge and Burn Tools.....	478
Turning Color Up or Down with the Sponge Tool.....	480
Smoothing with the Smudge Tool	481
Softening with the Blur Tool	483
Focusing with the Sharpen Tool.....	484

Chapter 2: Correcting Lighting, Color, and Clarity491

Understanding the Histogram Panel.....	492
Adjusting Lighting	494
Fixing lighting with Shadows/Highlights.....	494
Using Brightness/Contrast.....	495
Nailing proper contrast with Levels.....	496
Adjusting Color	499
Removing colorcasts automatically	499
Adjusting with Hue/Saturation.....	500
Eliminating color with Remove Color	502
Switching colors with Replace Color.....	502
Correcting with Color Curves.....	504
Adjusting skin tones	506
Defringing layers	507
Correcting with Color Variations.....	508
Adjusting color temperature with photo filters.....	510
Mapping your colors	511

Adjusting Clarity	513
Removing noise, artifacts, dust, and scratches	513
Blurring when you need to	514
Sharpening for better focus.....	516
Working Intelligently with the Smart Brush Tools	518
Using the Smart Brush	518
Getting accurate with the Detail Smart Brush	520

Chapter 3: Compositing with Photomerge 523

Stitching a Scene with Photomerge Panorama.....	523
Getting the Best Shot with Photomerge Group Shot	527
Manipulating Image DNA with Photomerge Faces	529
Eliminating with Photomerge Scene Cleaner	531
Photomerge Exposure.....	533

Chapter 4: Getting Help in Guided Mode 537

Understanding Guided Mode	537
Basic Photo Edits.....	539
Lighting and Exposure	540
Color Correction	543
Guided Activities	544
Photomerge.....	545
Automated Actions.....	545
Photographic Effects.....	547

Book IX: Creating and Sharing with Elements 551

Chapter 1: Creating Elements Projects. 553

Getting a Handle on Creations	553
Creating a Photo Book	555
Making a Photo Calendar (Windows)	557
Assembling a Photo Collage.....	559
Creating a Slide Show.....	560
Ordering Prints Online (Windows).....	563
Getting in Touch with Greeting Cards	563
Making Photo Stamps (Windows)	565
Getting Organized with CD/DVD Labels	566
Creating a VCD with Menu (Windows)	566
Making a Flipbook (Windows)	567

Chapter 2: Getting It Printed 569

Getting Images Ready for Printing.....	570
Setting Print Options.....	570
Printing from the Organizer (Windows)	571
Printing from Edit Full mode	575

Printing Multiple Images	576
Printing contact sheets	576
Printing picture packages	578
Printing with Color Profiles	579
Working with color printer profiles	579
Understanding how Elements uses color profiles	580
Printing to Inkjet Printers	580
Automatic profile selection for Epson printers	582
Selecting a printer profile	587
Using Online Printing Services (Windows)	589
Exploring Other Print Options	590

Chapter 3: Getting It on the Web 591

Understanding Basic Web Optimization	591
Choosing a resolution	592
Selecting a color mode	594
Understanding file formats	595
Using a Web-Safe Palette and Hexadecimal Colors	597
Specifying a foreground Web Safe color	597
Using a Web Safe palette	599
Making Type Look Good Onscreen	599
Optimizing Images with Save for Web	601

Chapter 4: Sharing Projects with Others 603

Getting a Grip on the Share Panel	603
Creating an Online Album (Windows)	604
Creating an E-Mail Attachment	606
Sending Photo Mail (Windows)	608
Sharing Photos Online	609
Using Kodak EasyShare	610
Sharing Video with Adobe Photoshop Showcase (Windows)	610
Sending photos to SmugMug Gallery (Windows)	610
Sending photos to CIVEA Digital Photo Frame	610
Sharing Flickr (Windows)	610

Index 611